



## **MDOT Statewide Outfall Points**

### **North Region**

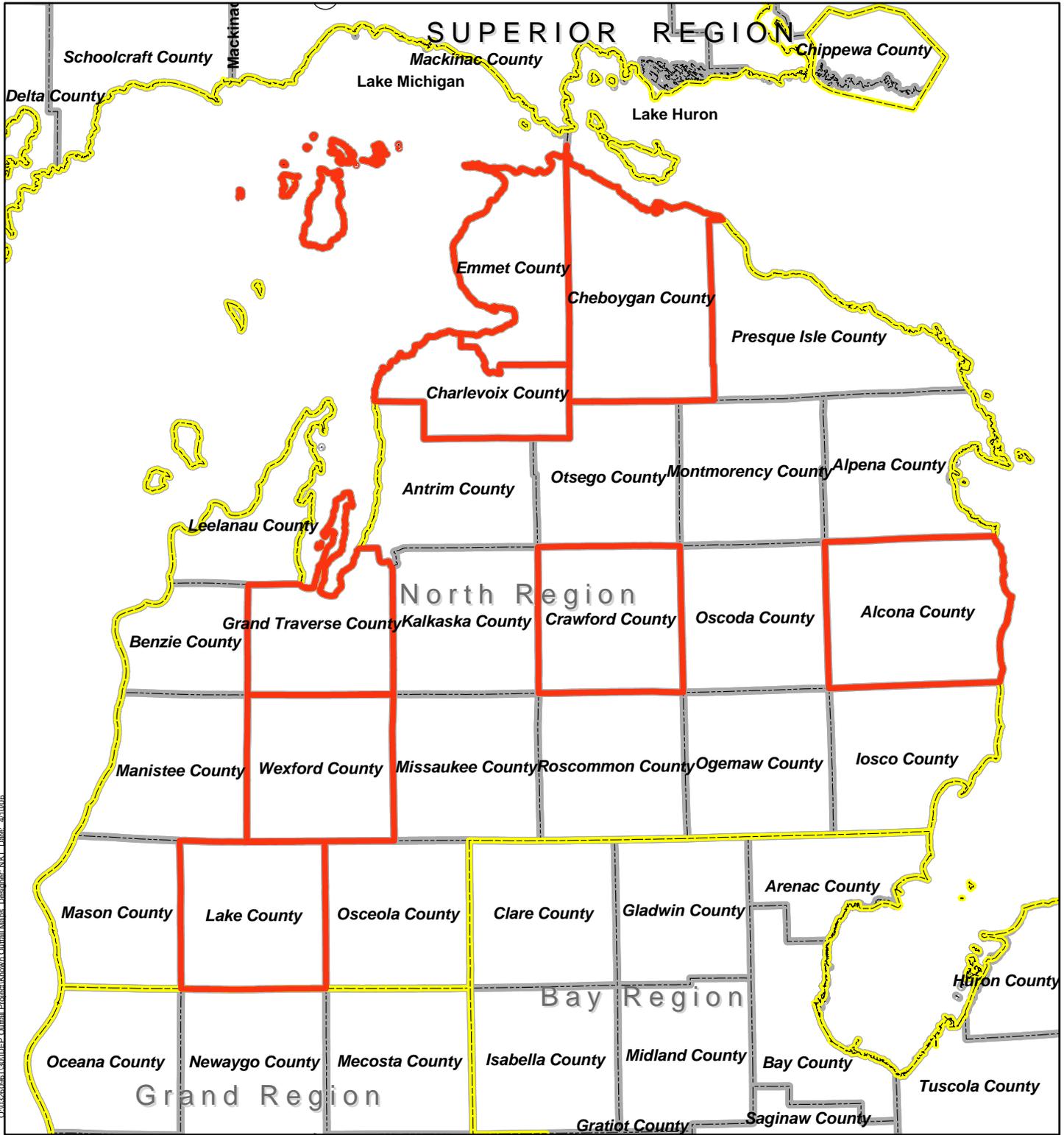
Under the NPDES Phase II Permit, MDOT is required to develop maps identifying the locations of their known outfalls. To complete these maps, MDOT is using two methodologies to locate outfalls: 1) MDOT is using existing survey data to estimate outfall locations, 2) MDOT is using their Illicit Discharge Elimination Program investigations to estimate outfall locations. These two methodologies are distinguished on the maps.

In addition to satisfying permit requirements, the outfall data are being used by the asset management division. These maps will be updated on an annual basis.

The maps in this file are organized by county and are linked to a Region Index Map on the following page. By clicking on a county on the Region Index Map, you will be forwarded to another index map. This index map will forward you to a map of outfall locations by clicking in the red squares. To return to the previous index map, click on the reference map at the bottom right hand corner of the page.

#### **Legend:**

-  U.S. Routes
-  U.S. Routes (Business Routes)
-  Interstate Routes
-  Interstate Routes (Business Loops)
-  State Roads

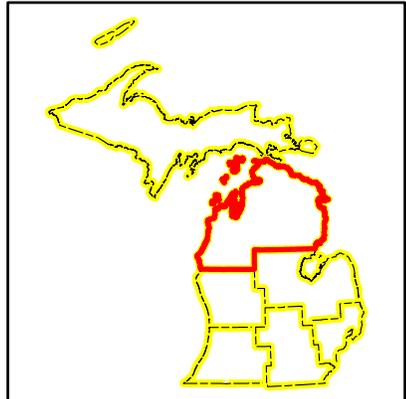
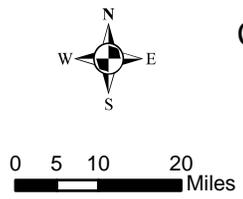


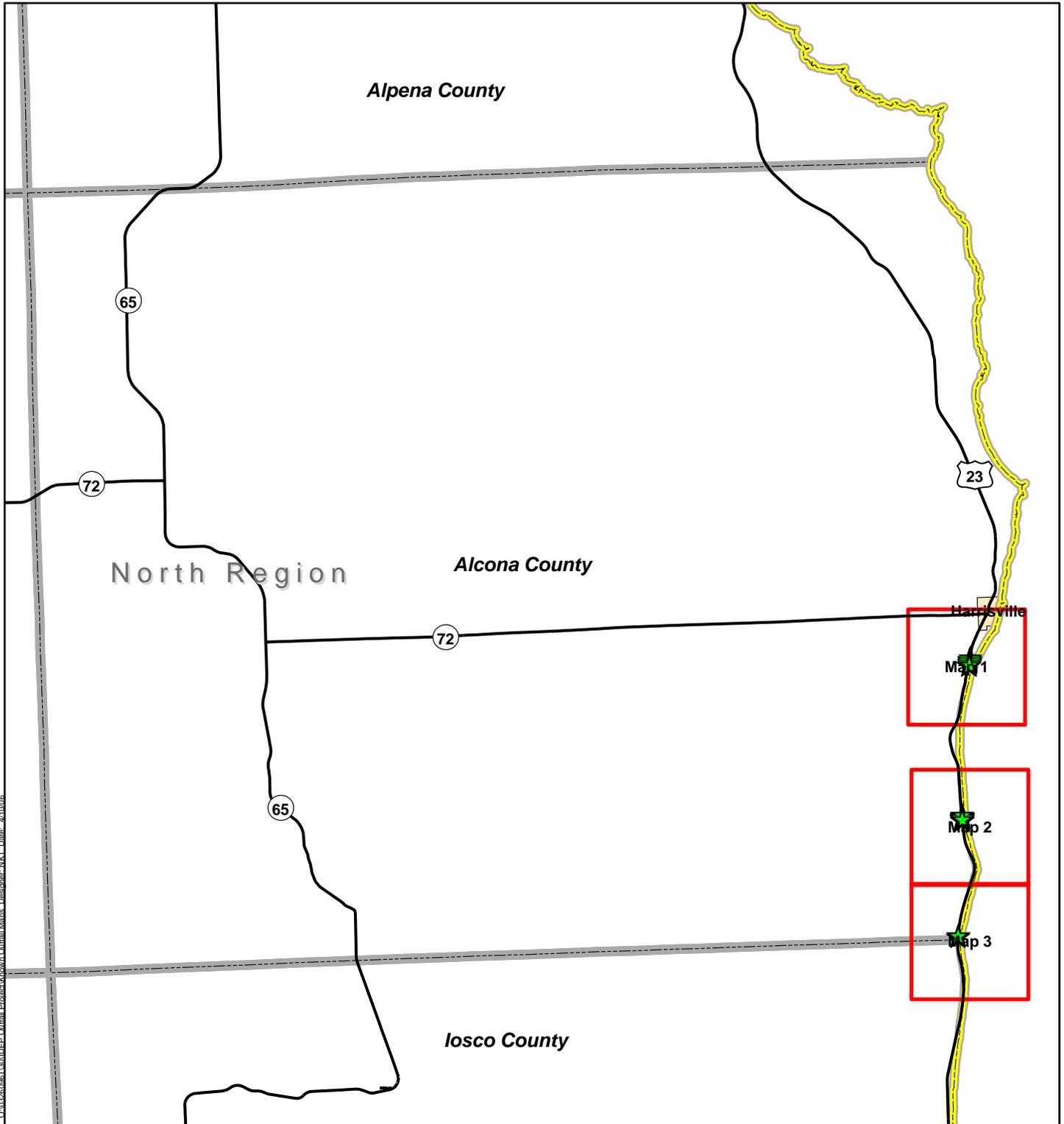
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## MDOT Statewide Outfall Points North Region County Index Map

**Legend**

- Click to display county maps
- MDOT Regions
- County Lines





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## MDOT Statewide Outfall Points Index

North Region, Alcona County

**Legend**

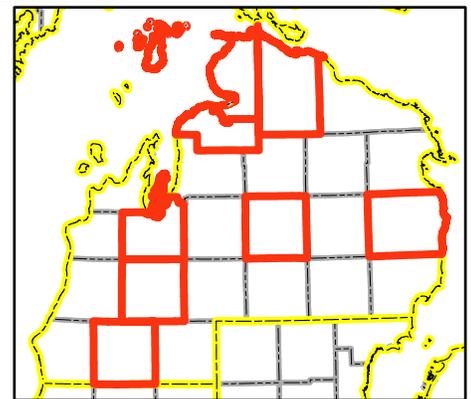
- Estimated Outfalls (design-survey)
- Investigated Outfalls
- Trunkline
- County Lines
- MDOT Regions
- City

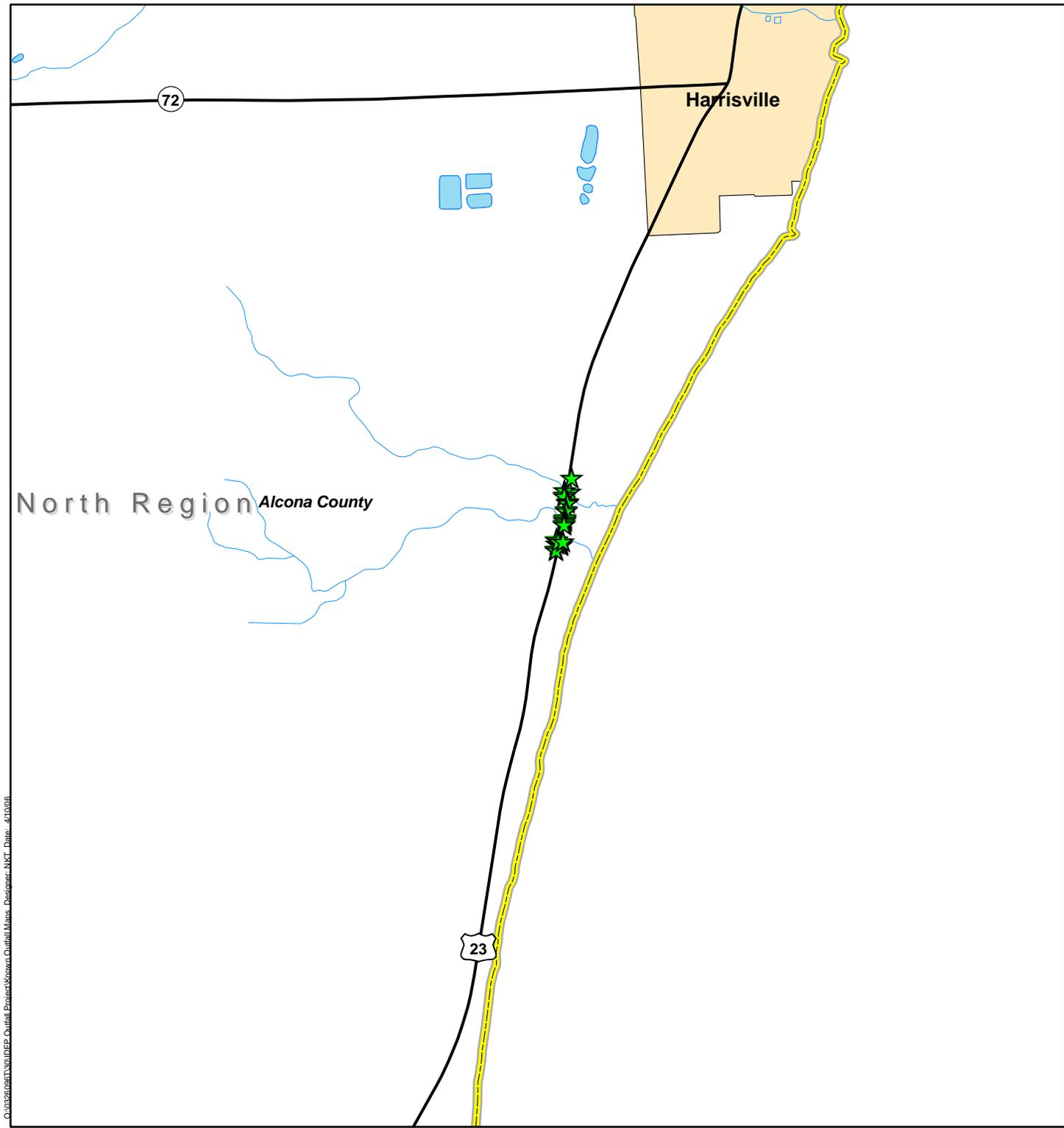


**Note:**  
**Estimated Outfalls** are outfall locations estimated from design survey data.  
**Investigated Outfalls** are outfalls located by field investigation.



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**Legend**

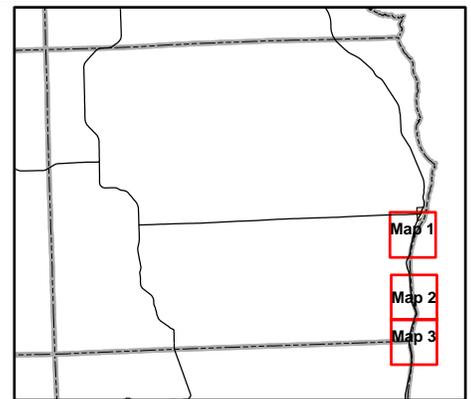
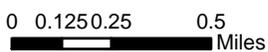
-  Estimated Outfalls (design-survey)
-  Investigated Outfalls
-  Waterbodies
-  Trunkline
-  County Lines
-  MDOT Regions
-  City



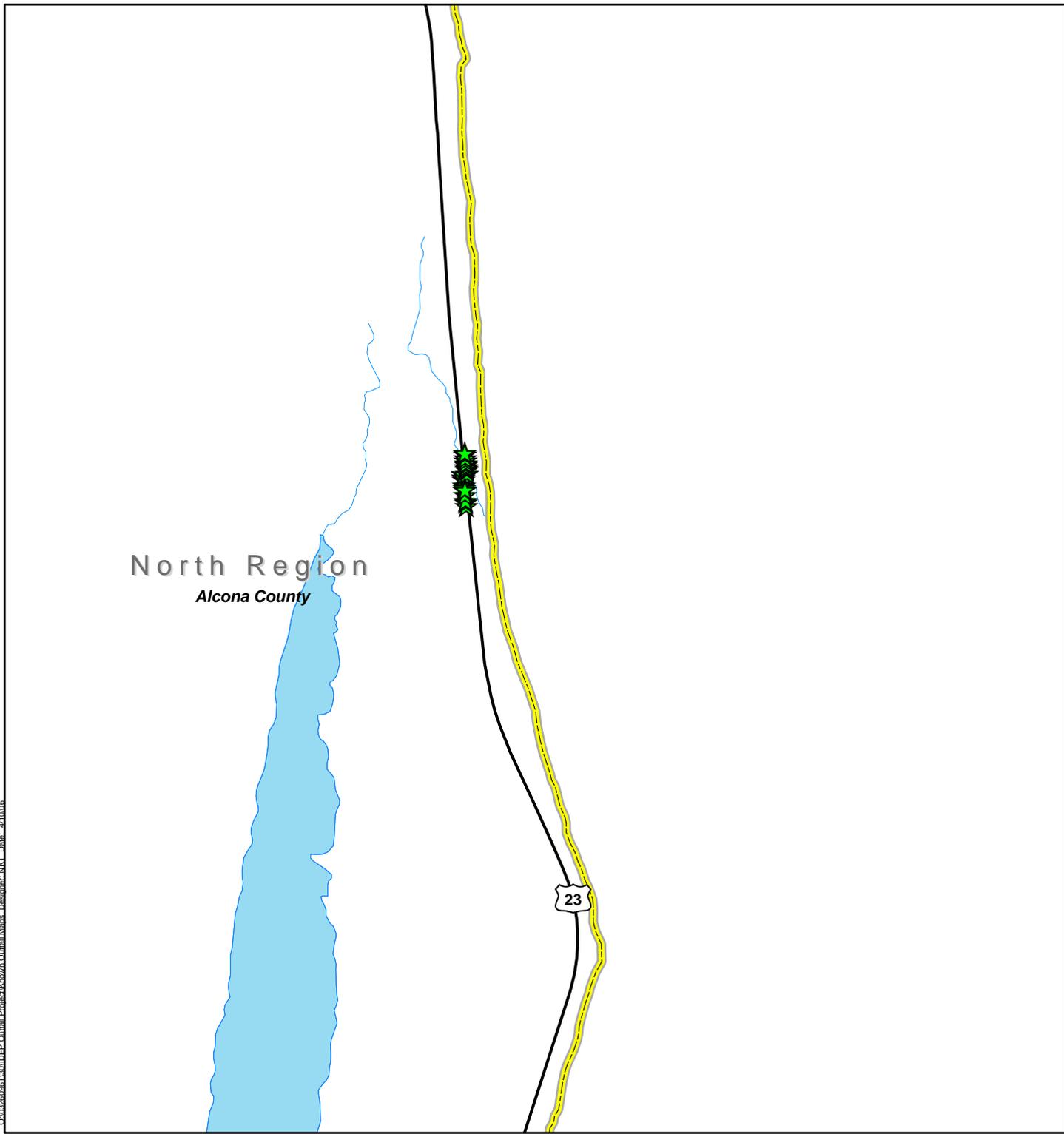
## MDOT Statewide Outfall Points

North Region, Alcona County  
**Map 1**

Note:  
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North Region  
Alcona County

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**Legend**

-  Estimated Outfalls (design-survey)
-  Investigated Outfalls
-  Waterbodies
-  Trunkline
-  County Lines
-  MDOT Regions
-  City

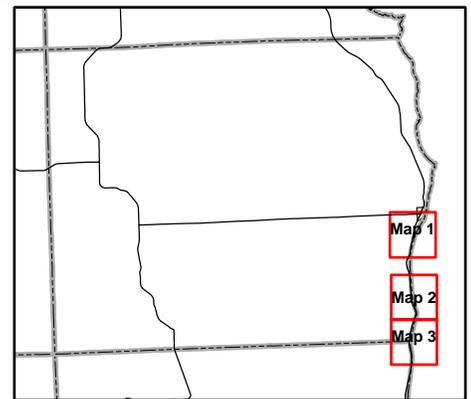
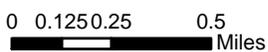


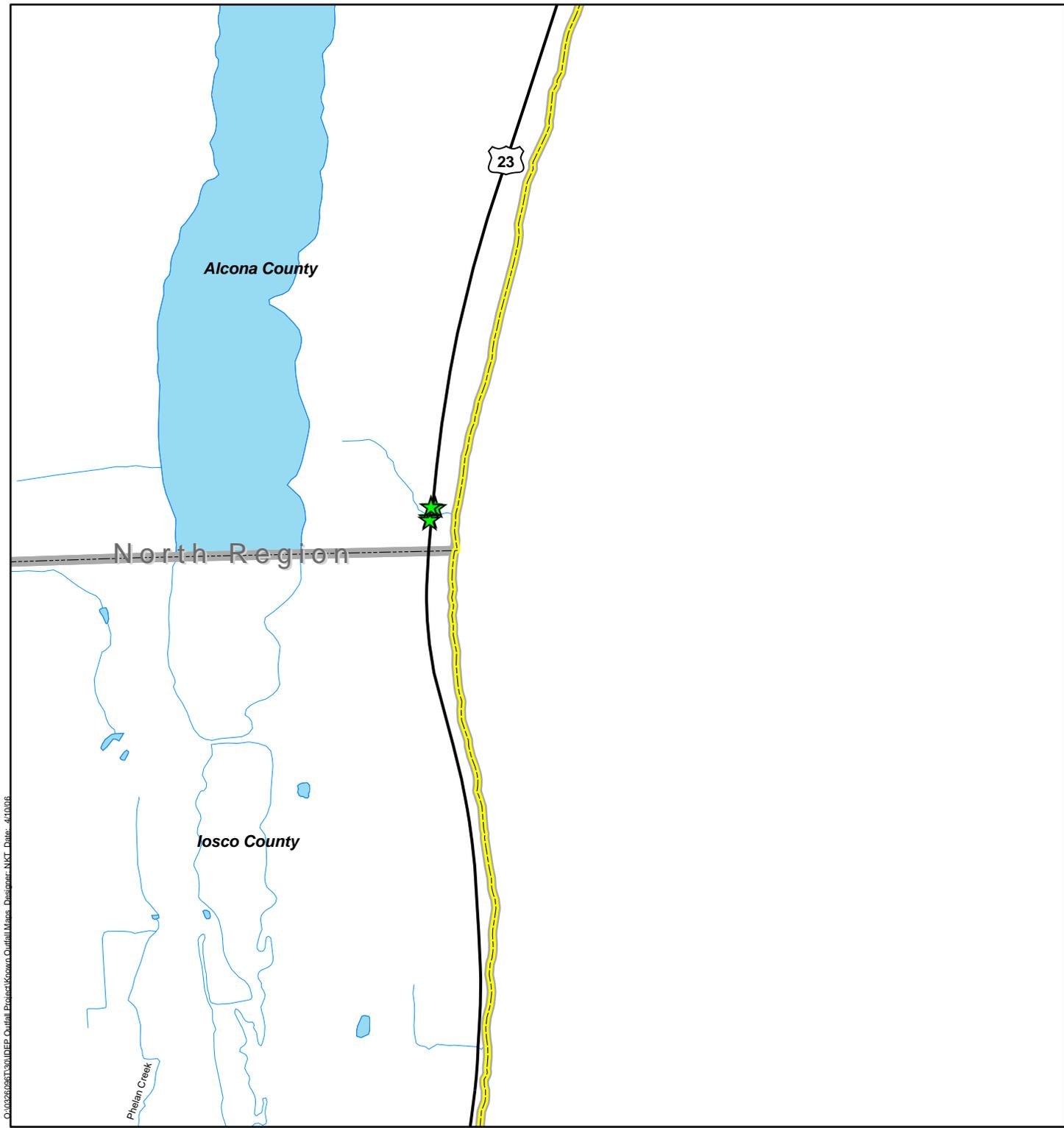
**MDOT Statewide  
Outfall Points**  
North Region, Alcona County  
**Map 2**



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Note:  
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**Legend**

-  Estimated Outfalls (design-survey)
-  Investigated Outfalls
-  Waterbodies
-  Trunkline
-  County Lines
-  MDOT Regions
-  City

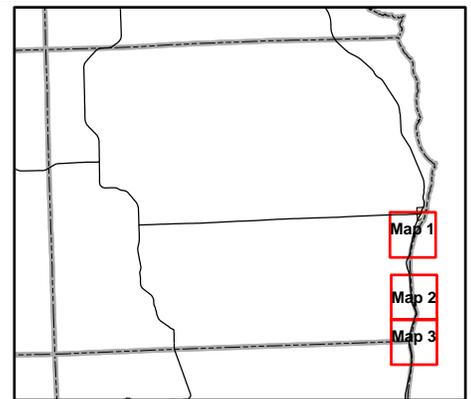
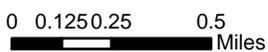


## MDOT Statewide Outfall Points

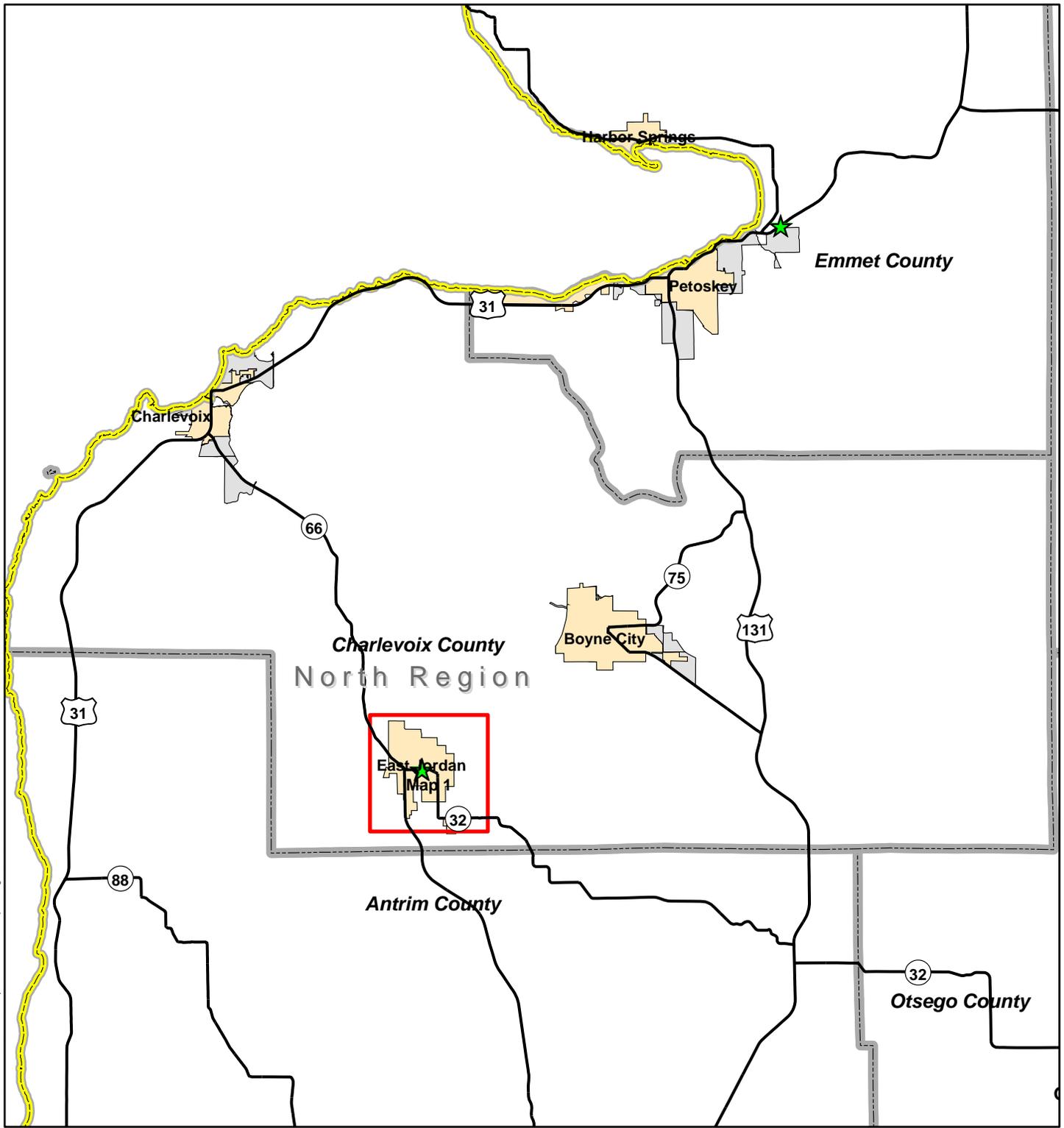
North Region, Alcona County  
**Map 3**



Note:  
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**Legend**

-  Estimated Outfalls (design-survey)
-  Investigated Outfalls
-  Trunkline
-  City
-  County Lines
-  MDOT Regions

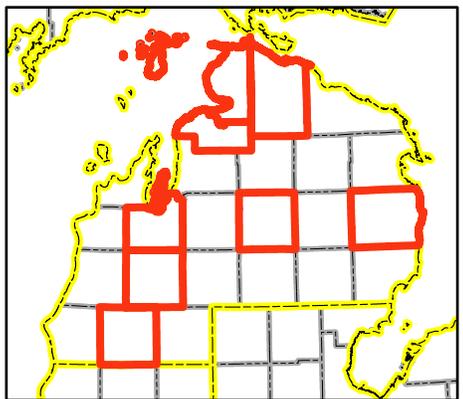


**MDOT Statewide  
Outfall Points**  
North Region, Charlevoix County  
Index

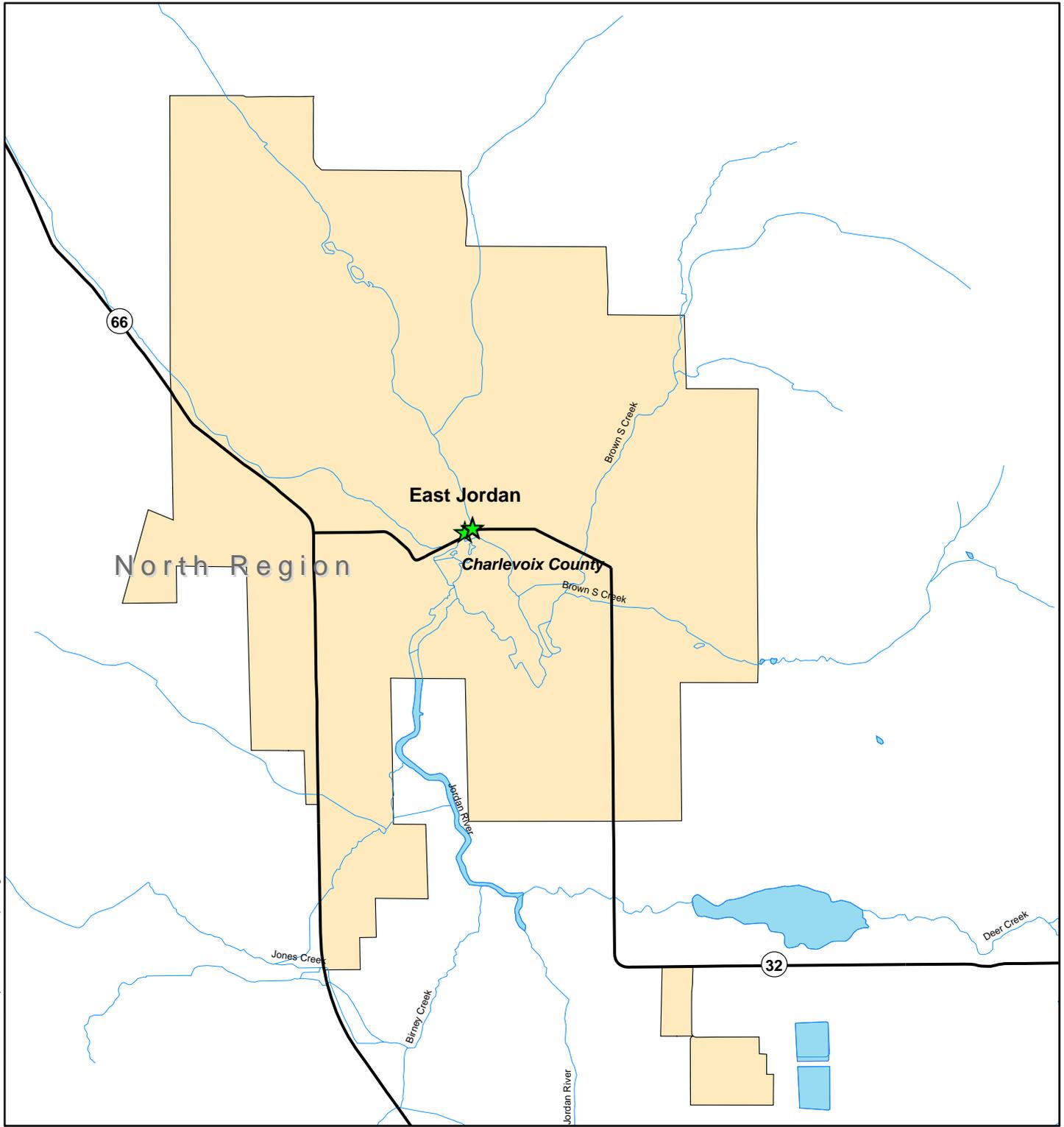


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Note:  
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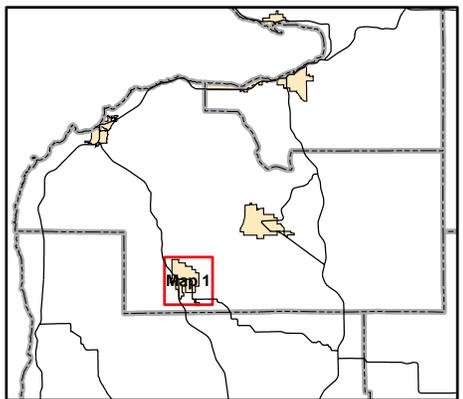
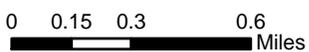
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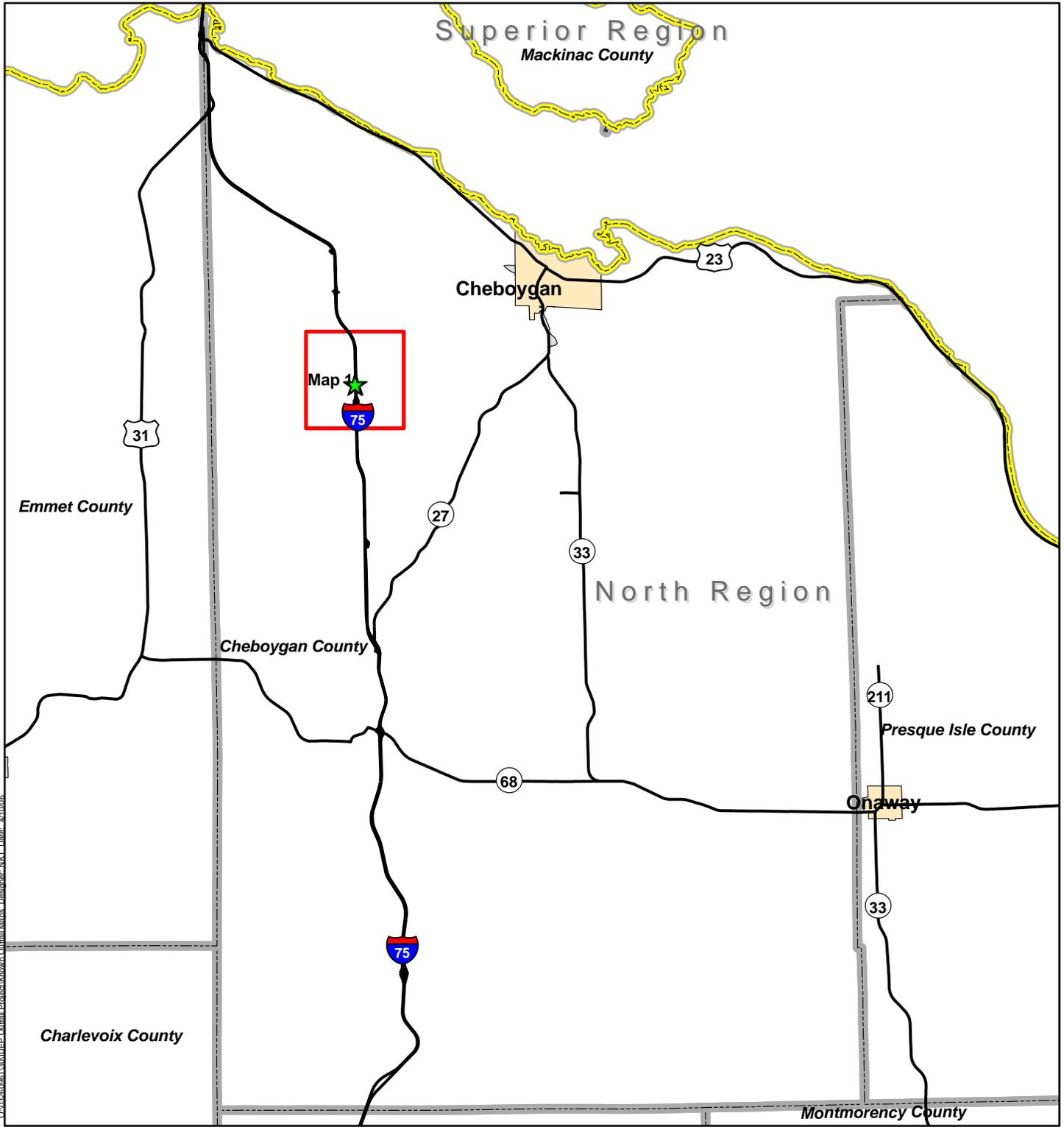
- Estimated Outfalls (design-survey)
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- Waterbodies
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- City
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**MDOT Statewide  
Outfall Points**  
North Region, Charlevoix County  
Map 1

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# MDOT Statewide Outfall Points

North Region, Cheboygan County  
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**Legend**

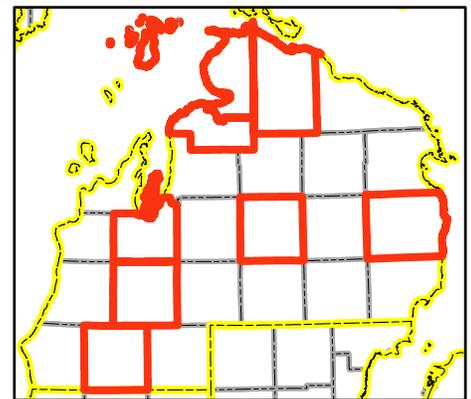
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-  Investigated Outfalls
-  Trunkline
-  City
-  County Lines
-  MDOT Regions

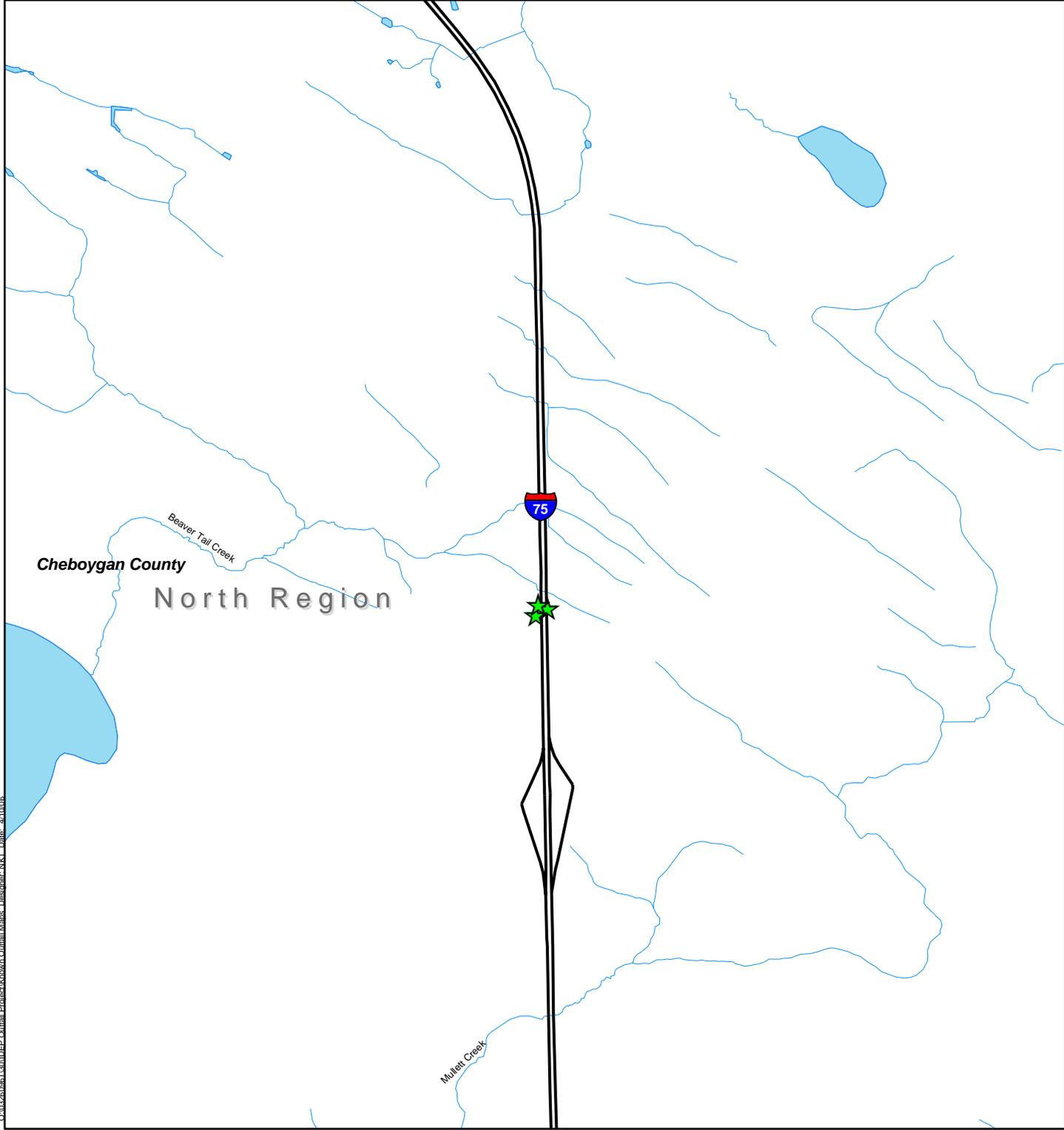


Note:  
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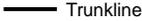
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**Legend**

-  Estimated Outfalls (design-survey)
-  Investigated Outfalls
-  Waterbodies
-  Trunkline
-  City
-  County Lines
-  MDOT Regions

## MDOT Statewide Outfall Points

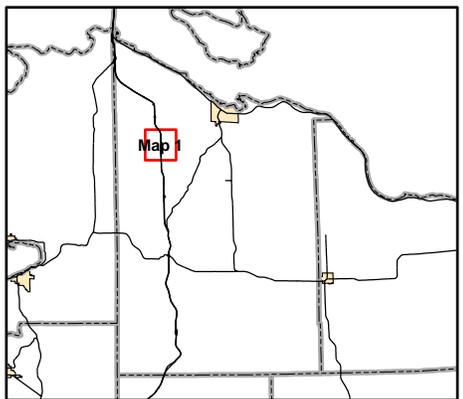
North Region, Cheboygan County  
Map 1

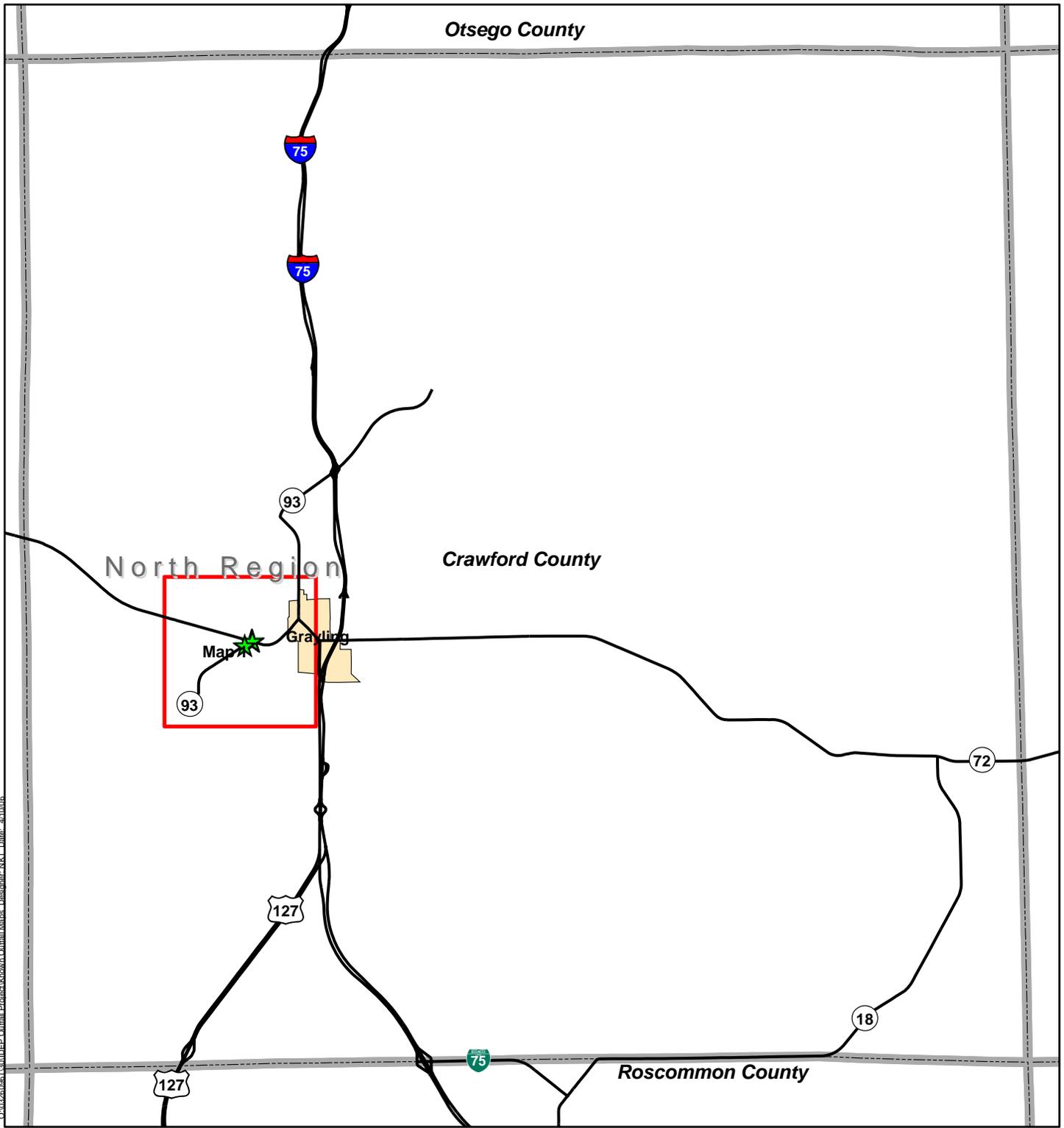


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## MDOT Statewide Outfall Points

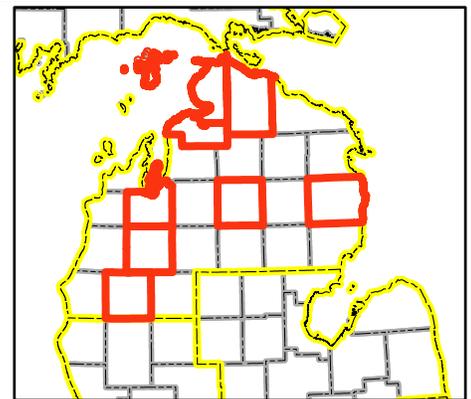
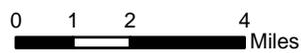
North Region, Crawford County  
Index

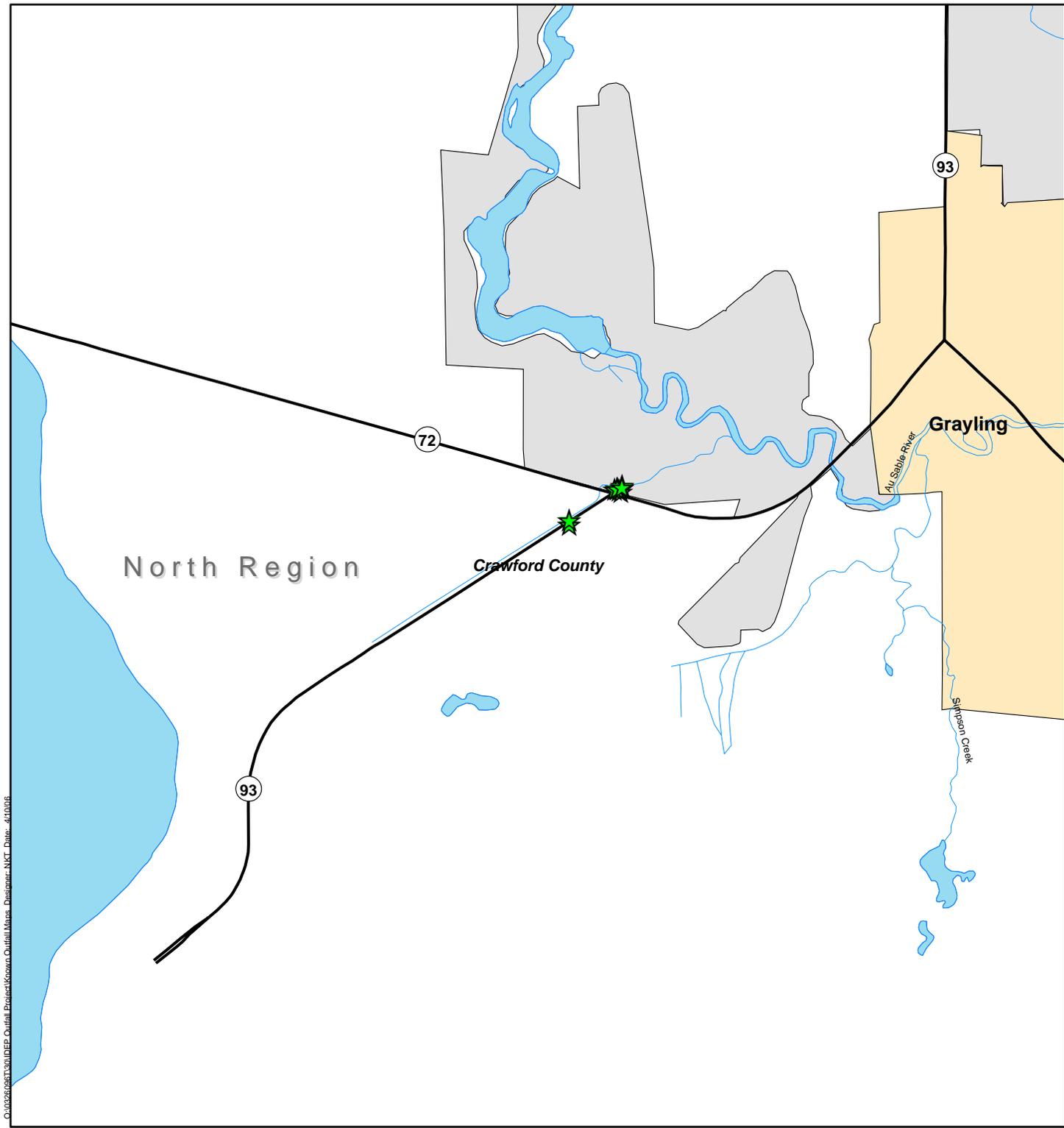
**Legend**

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**Legend**

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-  Trunkline
-  City
-  County Lines
-  MDOT Regions

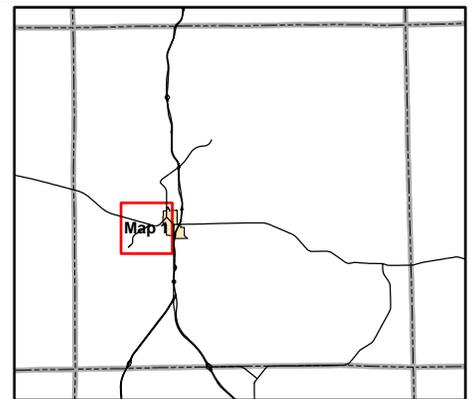
## MDOT Statewide Outfall Points

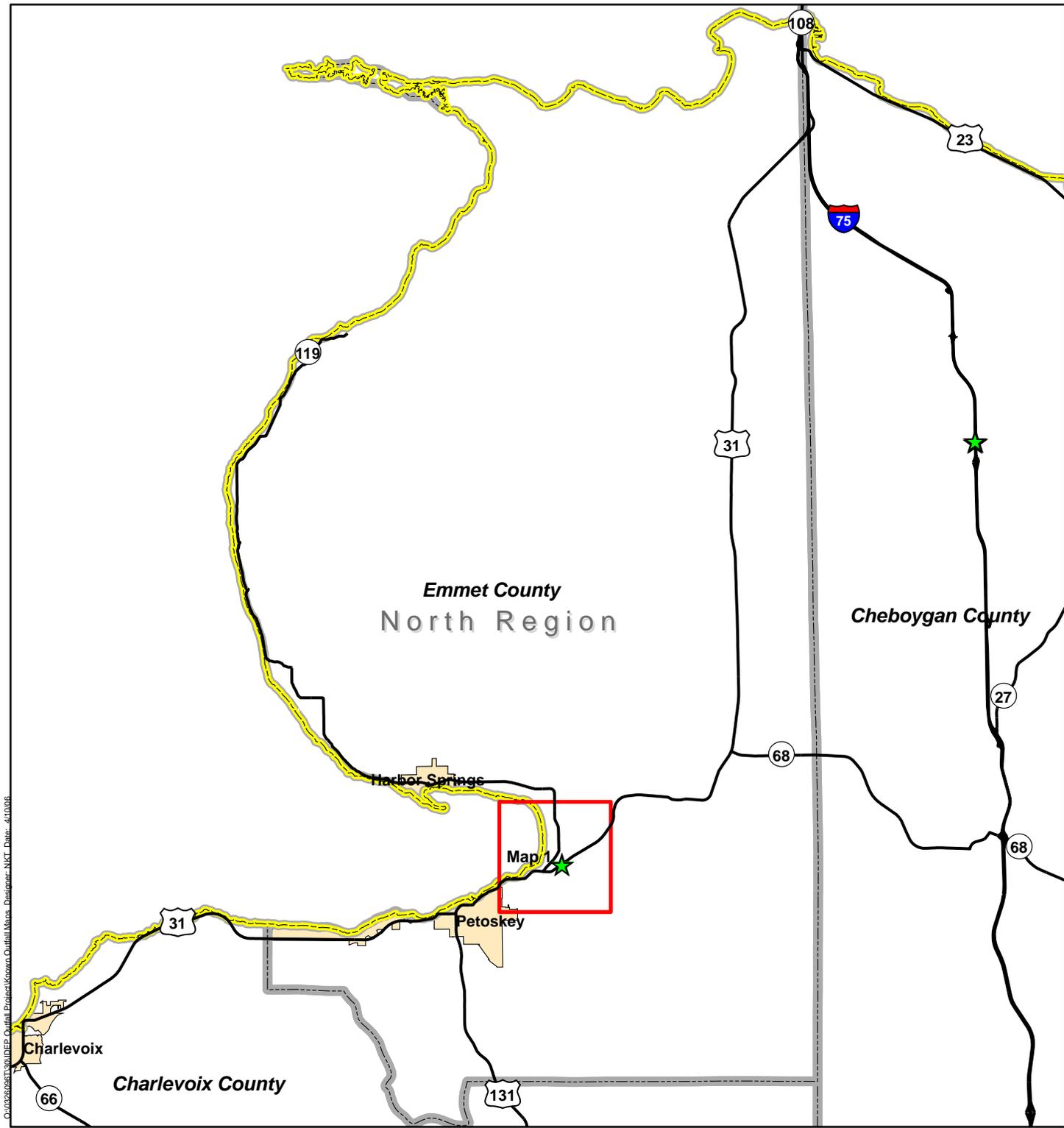
North Region, Crawford County  
**Map 1**



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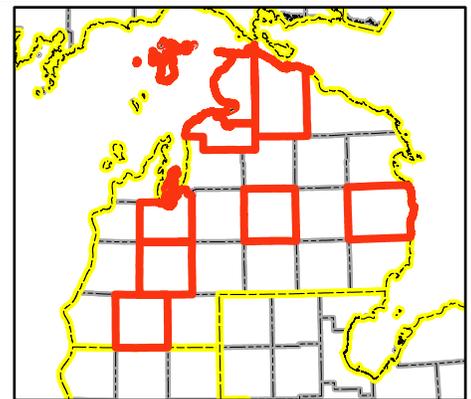
## MDOT Statewide Outfall Points

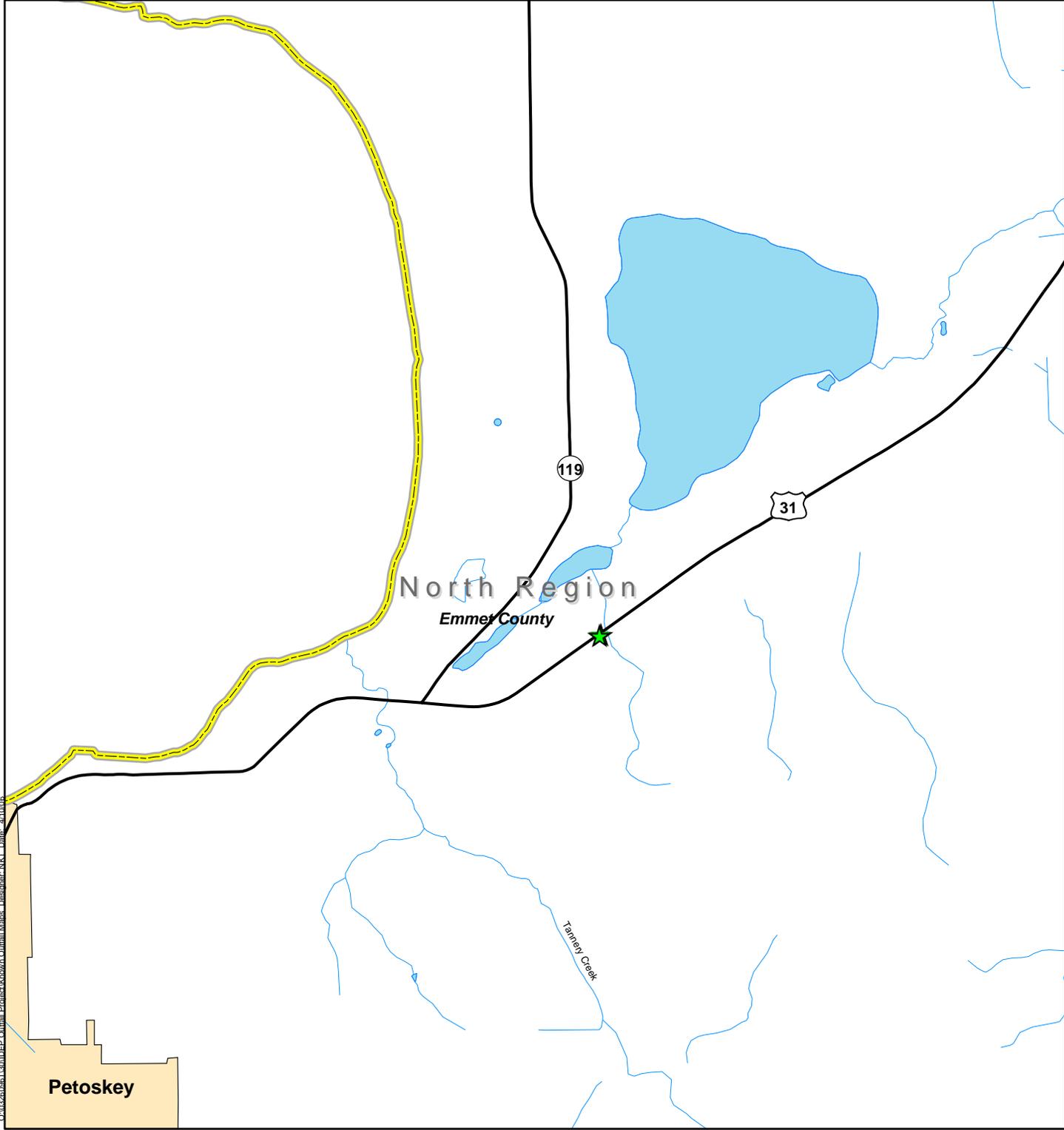
North Region, Emmet County  
Index

Legend	
	Estimated Outfalls (design-survey)
	Investigated Outfalls
	Trunkline
	City
	County Lines
	MDOT Regions



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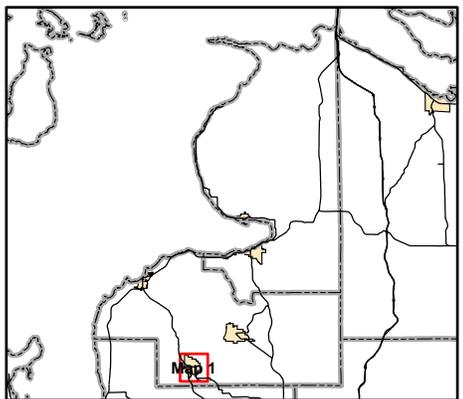
-  Estimated Outfalls (design-survey)
-  Investigated Outfalls
-  Waterbodies
-  Trunkline
-  City
-  County Lines
-  MDOT Regions

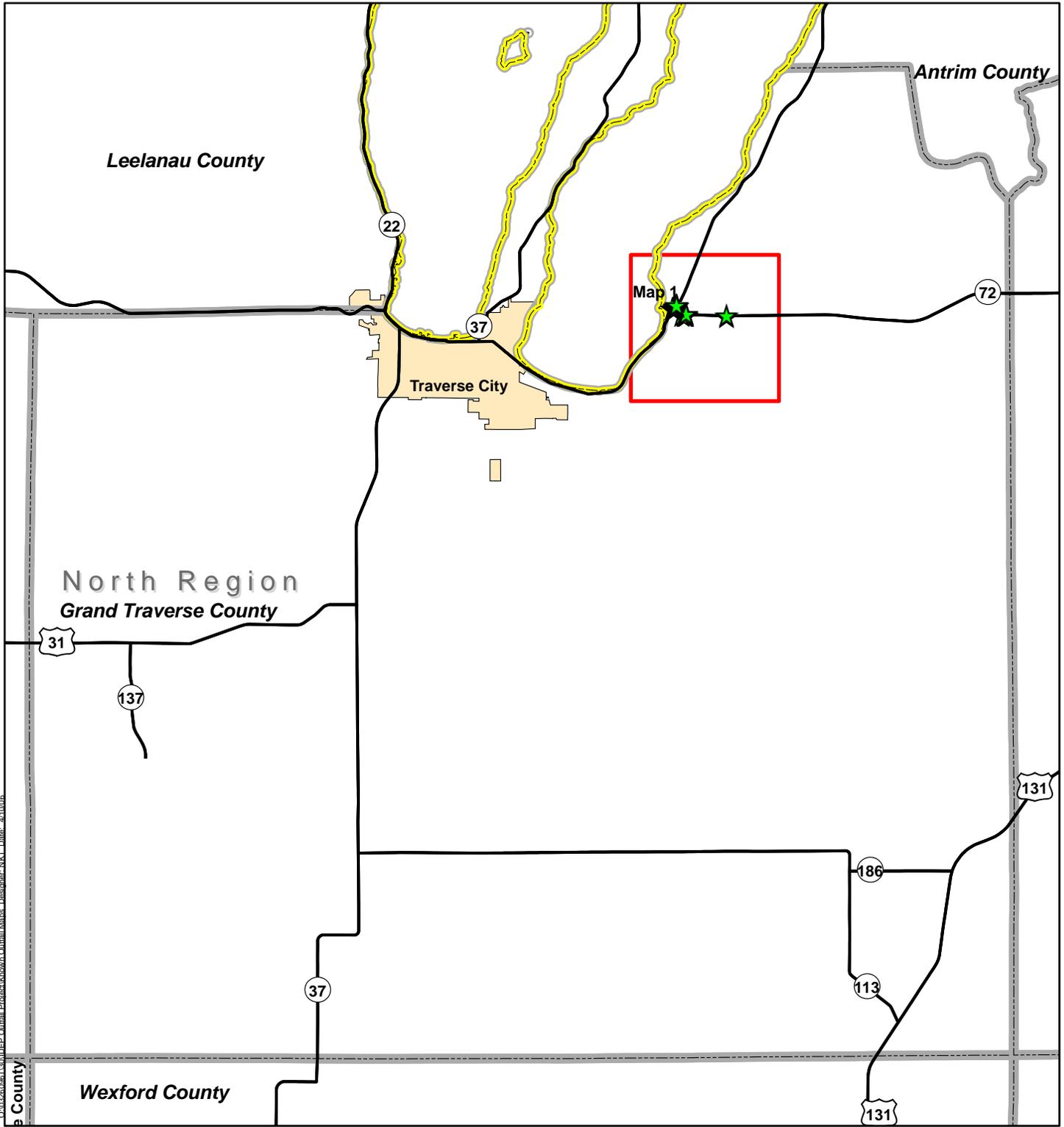


**MDOT Statewide  
Outfall Points**  
North Region, Emmet County  
Map 1



Note:  
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 e County

## MDOT Statewide Outfall Points

North Region, Grand Traverse County  
Index

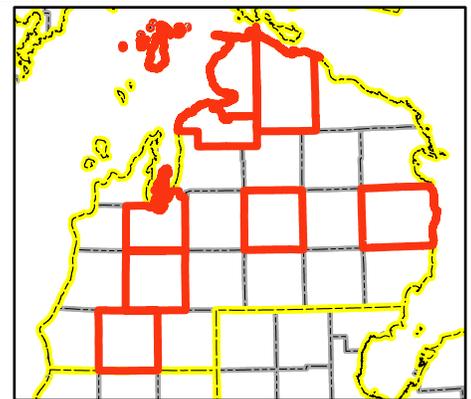
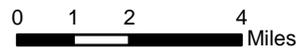
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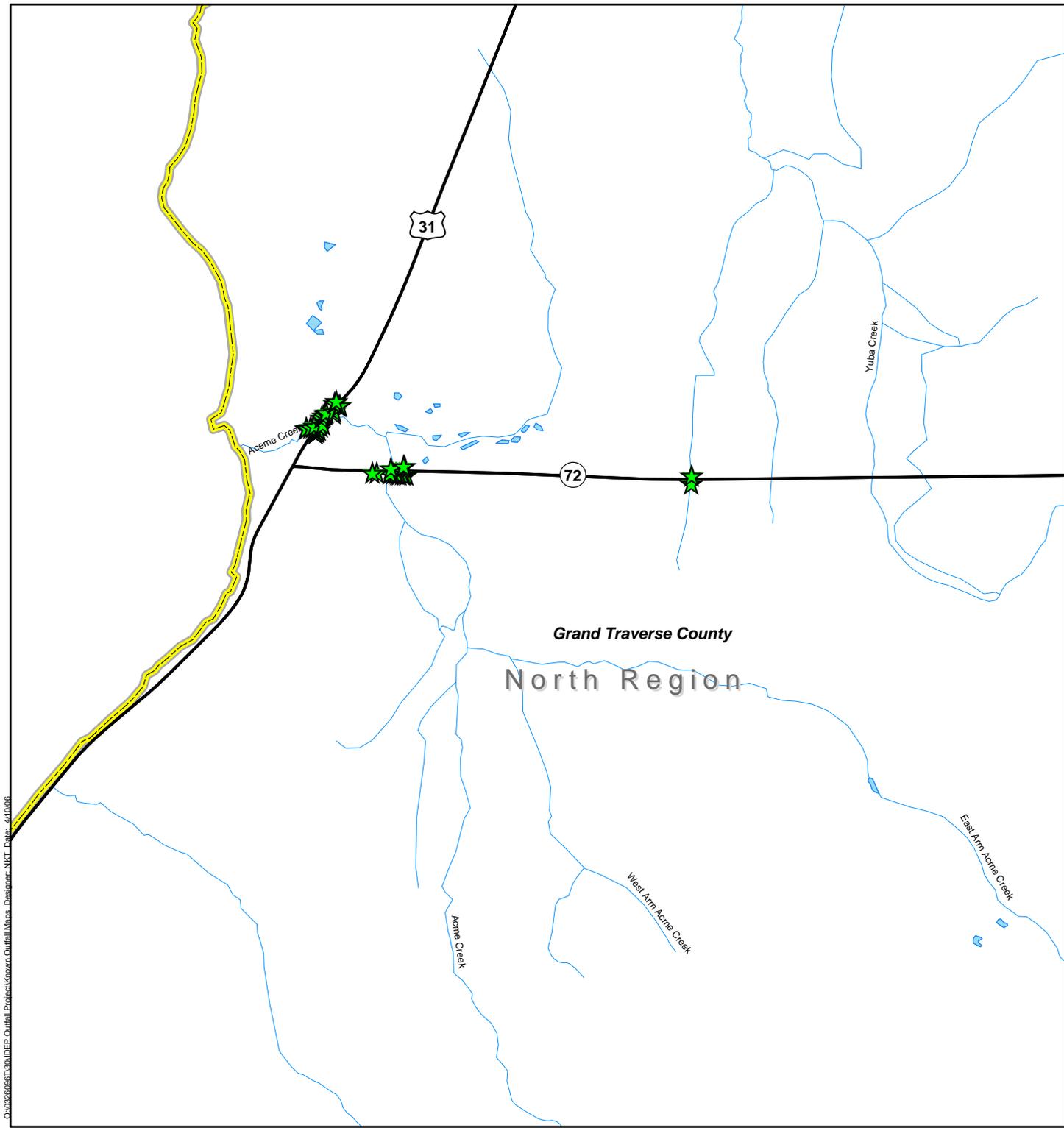
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**Legend**

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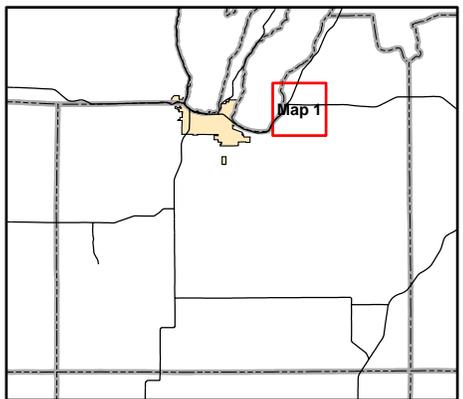


## MDOT Statewide Outfall Points

North Region, Grand Traverse County  
Map 1



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## MDOT Statewide Outfall Points Index

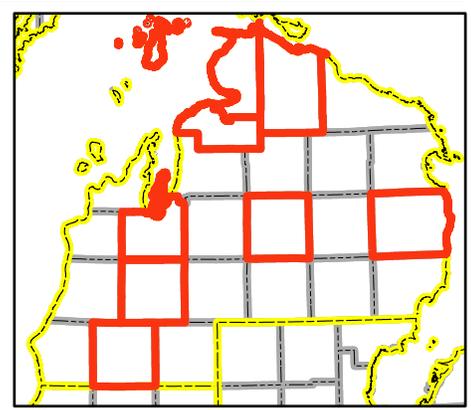
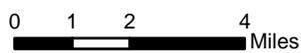
North Region, Lake County

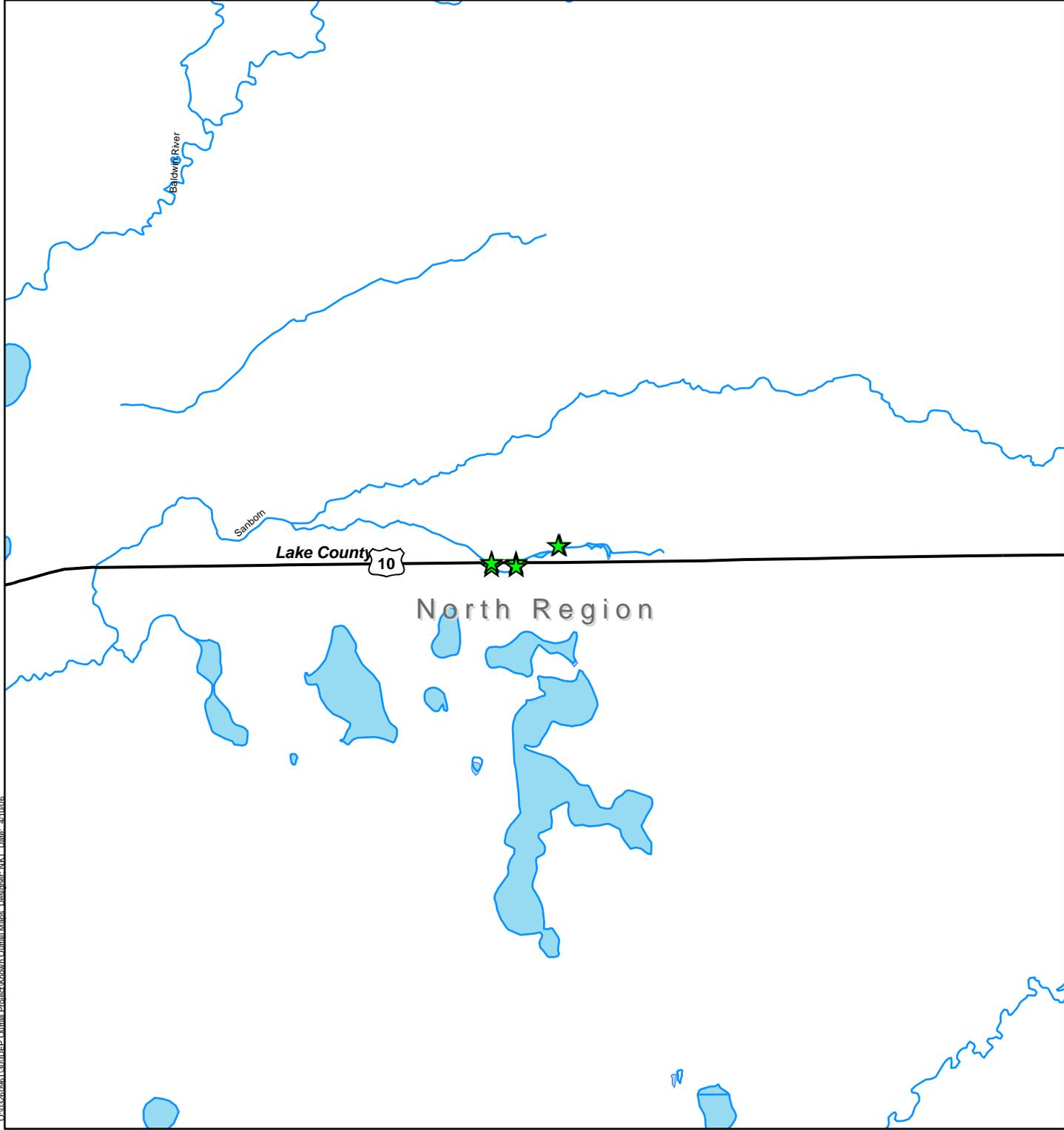
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# MDOT Statewide Outfall Points

North Region, Lake County

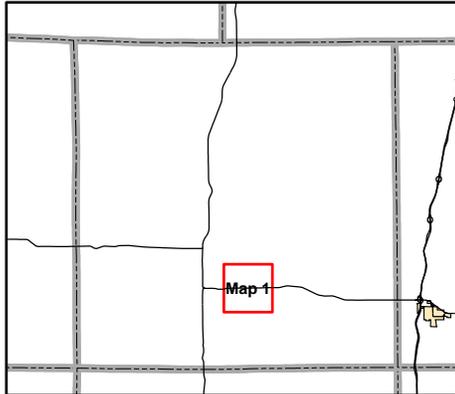
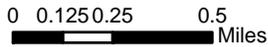
Map 1

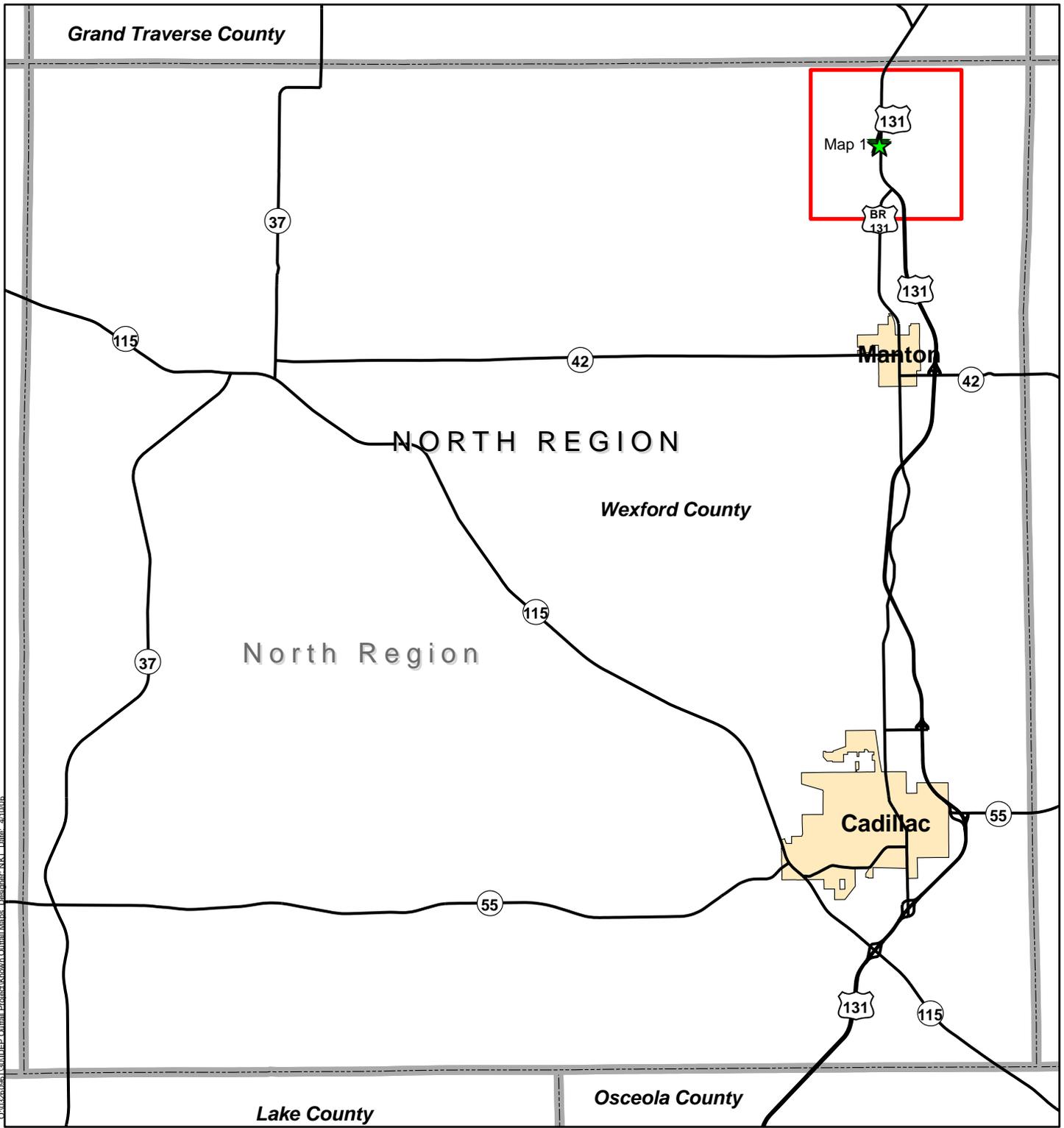
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## MDOT Statewide Outfall Points

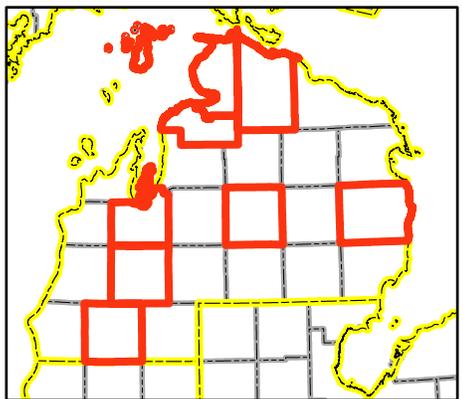
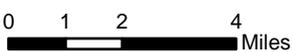
North Region, Wexford County  
Index

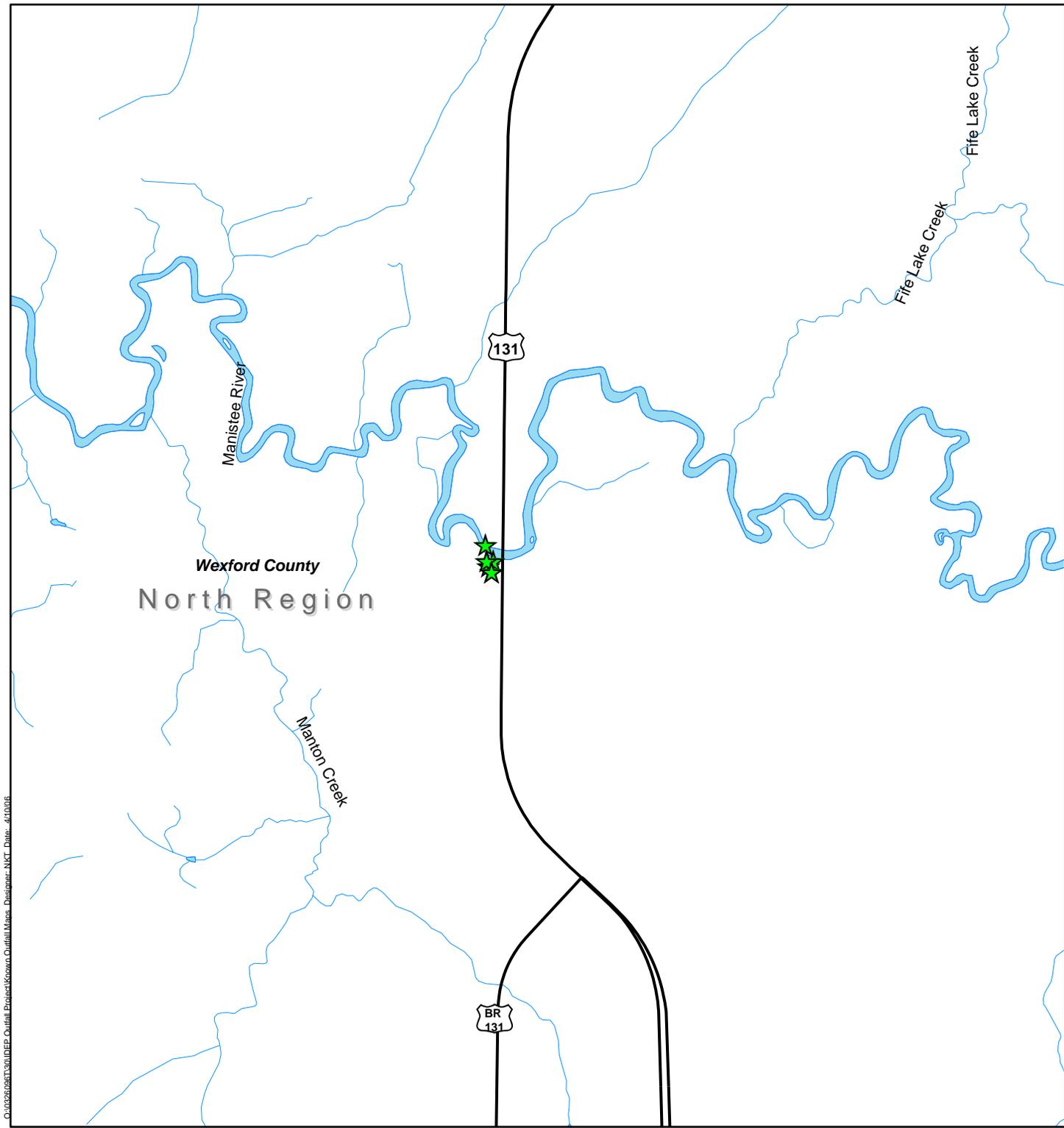
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## MDOT Statewide Outfall Points

North Region, Wexford County  
Map 1



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